

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2006/12/04 10:38
L2	1	1 and (first adj2 order)	US-PGPUB; USPAT	OR	ON	2006/12/04 10:42
L3	0	1 and (low adj2 order)	US-PGPUB; USPAT	OR	ON	2006/12/04 10:42
S1	4	RICHTER-KURT-J or RICHTER-KURT-JOSEPH	US-PGPUB; USPAT	OR	ON	2006/02/24 07:20
S2	0	("2004/0168200").URPN.	USPAT	OR	ON	2005/08/25 17:34
S3	0	("2003/0153293").URPN.	USPAT	OR	ON	2005/08/25 17:35
S4	0	("2003/0153293").URPN.	USPAT	OR	ON	2005/08/25 17:37
S5	9	("5654774").URPN.	USPAT	OR	ON	2005/08/25 17:41
S6	14	"6285865".pn. or "4581643".pn. or "4726072".pn. or "4742566".pn. or "4979230".pn. or "5038404".pn. or "5060297".pn. or "5140198".pn. or "5200826".pn. or "5311318".pn. or "5321852".pn. or "5390346".pn. or "5428836".pn. or "5563545".pn.	US-PGPUB; USPAT	OR	ON	2005/08/25 17:43
S7	9	("4789976"   "4818903"   "5031233"   "5317216"   "5428829"   "5715282"   "5737035"   "5828589"   "6043724"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/25 17:45
S8	18	("6285865").URPN.	USPAT	OR	ON	2005/08/25 17:45
S9	19	("5390346").URPN.	USPAT	OR	ON	2005/08/25 17:46
S10	0	"455"/\$.cccls and (image adj reject\$3)	US-PGPUB; USPAT	OR	ON	2005/08/25 17:48
S11	0	"455"/\$.cccls	US-PGPUB; USPAT	OR	ON	2005/08/25 17:49
S12	67506	"455"/\$.cccls.	US-PGPUB; USPAT	OR	ON	2005/08/25 17:49
S13	693	S12 and (image adj reject\$3)	US-PGPUB; USPAT	OR	ON	2006/02/23 11:56
S14	526	S13 and (@ad<="20011211" or @rlad<="20011211")	US-PGPUB; USPAT	OR	ON	2006/01/20 13:12
S15	1	S14 and (opencable or (open adj cable))	US-PGPUB; USPAT	OR	ON	2005/08/25 17:57
S16	746	(opencable or (open adj cable))	US-PGPUB; USPAT	OR	ON	2005/08/25 17:57
S17	560	S16 and (@ad<="20011211" or @rlad<="20011211")	US-PGPUB; USPAT	OR	ON	2005/08/25 17:57

## EAST Search History

S18	1	S17 and (image adj reject\$4)	US-PGPUB; USPAT	OR	ON	2005/08/25 17:57
S19	9	S17 and (mixer)	US-PGPUB; USPAT	OR	ON	2005/08/25 17:59
S20	49	S17 and tuner	US-PGPUB; USPAT	OR	ON	2006/01/20 11:54
S21	101	S14 and ("20" adj db)	US-PGPUB; USPAT	OR	ON	2005/08/25 18:08
S22	0	("2003/0153293").URPN.	USPAT	OR	ON	2006/01/20 11:53
S23	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2006/01/20 12:05
S24	1	S23 and tuner	US-PGPUB; USPAT	OR	ON	2006/01/20 12:10
S25	60	(data adj2 channel adj2 tuner)	US-PGPUB; USPAT	OR	ON	2006/01/20 12:11
S26	1	S25 same (image near4 reject\$3)	US-PGPUB; USPAT	OR	ON	2006/01/20 12:11
S27	0	("2003/0133049").URPN.	USPAT	OR	ON	2006/01/20 12:17
S28	71734	"455"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 13:12
S29	757	S28 and (image adj reject\$3)	US-PGPUB; USPAT	OR	ON	2006/01/20 13:13
S30	545	S29 and (@ad<="20011211" or @rlad<="20011211")	US-PGPUB; USPAT	OR	ON	2006/01/20 13:13
S31	294	S28 and (image adj reject\$3 adj mixer)	US-PGPUB; USPAT	OR	ON	2006/01/20 13:13
S32	216	S31 and (@ad<="20011211" or @rlad<="20011211")	US-PGPUB; USPAT	OR	ON	2006/01/20 13:13
S33	39	S32 and tuner	US-PGPUB; USPAT	OR	ON	2006/01/20 13:13
S34	0	("2002/0183033").URPN.	USPAT	OR	ON	2006/01/20 13:39
S35	74	microtune	US-PGPUB; USPAT	OR	ON	2006/01/20 13:39
S36	0	("2004/0117861").URPN.	USPAT	OR	ON	2006/01/20 13:51
S37	21	(FAT adj channel)	US-PGPUB; USPAT	OR	ON	2006/01/20 13:53
S38	1	S23 and energy	US-PGPUB; USPAT	OR	ON	2006/01/20 14:00
S39	431	forward adj2 data adj2 channel	US-PGPUB; USPAT	OR	ON	2006/01/20 14:01
S40	1	S39 and (mixer near4 reject\$3)	US-PGPUB; USPAT	OR	ON	2006/01/20 14:01

## EAST Search History

S41	41	S39 and (mixer)	US-PGPUB; USPAT	OR	ON	2006/01/20 14:07
S42	240	455/302.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 14:43
S43	0	("2002/0183033").URPN.	USPAT	OR	ON	2006/01/20 14:27
S44	0	("6985710").URPN.	USPAT	OR	ON	2006/01/20 14:29
S45	4	("5060297"   "6127962"   "6226509"   "6766178").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 14:29
S46	13	("5060297").URPN.	USPAT	OR	ON	2006/01/20 14:31
S47	0	("6980787").URPN.	USPAT	OR	ON	2006/01/20 14:34
S48	15	("2964622"   "5140198"   "5180994"   "5239274"   "5262735"   "5438301"   "5568099"   "5635879"   "5659263"   "5870670"   "5917383"   "6029059"   "6314279"   "6324388").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 14:34
S49	9	("4217551"   "4506228"   "5159281"   "5596600"   "5619536"   "5701106"   "6097259"   "6317468"   "6459743"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 14:36
S50	1770	"70" adj MHz	US-PGPUB; USPAT	OR	ON	2006/01/20 14:44
S51	1770	"70" adj MHz	US-PGPUB; USPAT	OR	OFF	2006/01/20 14:44
S52	2777	(455/302,296,304,305,340,313,333). ccls.	US-PGPUB; USPAT	OR	OFF	2006/01/20 14:45
S53	41	S51 and S52	US-PGPUB; USPAT	OR	OFF	2006/01/20 14:45
S54	243	455/302.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/21 17:55
S55	36	S54 and (image adj2 reject adj2 mixer)	US-PGPUB; USPAT	OR	ON	2006/02/21 18:17
S56	0	("2003/0153293").URPN.	USPAT	OR	ON	2006/02/21 17:58
S57	0	("2003/0153293").URPN.	USPAT	OR	ON	2006/02/21 17:58
S58	1	("6681103").URPN.	USPAT	OR	ON	2006/02/21 18:06
S59	8	("3993962"   "4263676"   "5374899"   "6081168"   "6175274"   "6177964"   "6307442"   "6542724").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:11
S60	8	tuner near5 (image adj2 reject adj2 mixer)	US-PGPUB; USPAT	OR	ON	2006/02/21 18:18
S61	0	("6078799").URPN.	USPAT	OR	ON	2006/02/21 18:20
S62	0	("6078799").URPN.	USPAT	OR	ON	2006/02/21 18:20

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S63	6	("4864643"   "5239683"   "5428669"   "5678220"   "5867766"   "5950119"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:21
S64	0	S54 and (S60 adj2 db\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:22
S65	0	S54 and ('20' adj2 db\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:22
S66	116	S54 and (db\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:22
S67	6	S54 and (first adj2 order)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:23
S68	16	S54 and (second adj2 order)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:28
S69	2	S67 and S68	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:22
S70	2	"6081697".pn. or "6314279".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 18:28
S71	72859	"455"/\$.cccls.	US-PGPUB; USPAT	OR	ON	2006/02/23 11:56
S72	776	S71 and (image adj reject\$3)	US-PGPUB; USPAT	OR	ON	2006/02/23 11:56
S73	138	S72 and ("20" adj db)	US-PGPUB; USPAT	OR	ON	2006/02/23 12:34
S74	19	fdc near5 fat	US-PGPUB; USPAT	OR	ON	2006/02/23 12:23
S75	0	("2003/0153293").URPN.	USPAT	OR	ON	2006/02/23 12:25
S76	0	("2003/0153293").URPN.	USPAT	OR	ON	2006/02/23 12:25
S77	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2006/02/23 12:34
S78	1	S77 and (first adj2 order)	US-PGPUB; USPAT	OR	ON	2006/02/23 12:34
S79	445	(forward adj2 data adj2 channel)	US-PGPUB; USPAT	OR	ON	2006/02/23 16:56
S80	1	S79 and (image adj3 reject\$3)	US-PGPUB; USPAT	OR	ON	2006/02/23 15:37
S81	1	S79 and (image near5 reject\$3)	US-PGPUB; USPAT	OR	ON	2006/02/23 15:37

## EAST Search History

S82	23	(forward adj3 channel) and (image near5 reject\$3)	US-PGPUB; USPAT	OR	ON	2006/02/23 16:54
S83	1	("6625222").URPN.	USPAT	OR	ON	2006/02/23 16:02
S84	6	("5550579"   "5642155"   "5864672"   "5970053"   "6321384"   "6327709").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/23 16:03
S85	0	(forward adj2 data adj2 channel) near5 (out adj of adj band)	US-PGPUB; USPAT	OR	ON	2006/02/23 16:56
S86	21	(forward adj2 data adj2 channel) near5 (out adj3 band)	US-PGPUB; USPAT	OR	ON	2006/02/23 17:15
S87	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2006/02/23 17:45
S88	1	S87 and ("20" adj db\$3)	US-PGPUB; USPAT	OR	ON	2006/02/23 17:46
S89	1	(signal adj2 noise) near5 (distortion adj3 ratio) near5 ("20" adj3 dBc)	US-PGPUB; USPAT	OR	ON	2006/02/23 17:48
S90	51	("20" adj3 dBc)	US-PGPUB; USPAT	OR	ON	2006/02/23 18:15
S91	2345	(first adj2 order adj2 filters)	US-PGPUB; USPAT	OR	ON	2006/02/23 18:15
S92	1	S91 near5 (mixer)	US-PGPUB; USPAT	OR	ON	2006/02/23 18:16
S93	34	S91 same (mixer)	US-PGPUB; USPAT	OR	ON	2006/02/23 18:16
S94	2345	(first adj2 order adj2 filter\$1)	US-PGPUB; USPAT	OR	ON	2006/02/24 07:59
S95	56	S94 and (image near5 reject\$3)	US-PGPUB; USPAT	OR	ON	2006/02/24 07:24
S96	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2006/02/24 07:24
S97	1	S96 and (first adj2 order)	US-PGPUB; USPAT	OR	ON	2006/02/24 07:25
S98	0	(first adj2 order adj2 filter\$1) same (resonant adj2 tank)	US-PGPUB; USPAT	OR	ON	2006/02/24 07:59
S99	4	(first adj2 order adj2 filter\$1) near5 lc	US-PGPUB; USPAT	OR	ON	2006/02/24 08:27
S100	1	S96 and (10% adj removed)	US-PGPUB; USPAT	OR	ON	2006/02/24 08:28
S101	1	S96 and (10%)	US-PGPUB; USPAT	OR	ON	2006/02/24 08:33
S102	3	"6625222".pn. or "6681103".pn. or "6674409".pn.	US-PGPUB; USPAT	OR	ON	2006/02/24 08:29
S103	1	S102 and (10% or ('10' adj '%'))	US-PGPUB; USPAT	OR	ON	2006/02/24 08:31

## EAST Search History

S10 4	1	S96 and (10% near5 image)	US-PGPUB; USPAT	OR	ON	2006/02/24 08:31
S10 5	1	lc near5 (10% adj3 tolerance)	US-PGPUB; USPAT	OR	ON	2006/02/24 08:33
S10 6	8	lc same (10% adj3 tolerance)	US-PGPUB; USPAT	OR	ON	2006/02/24 08:40
S10 7	15782	image same ('142')	US-PGPUB; USPAT	OR	ON	2006/02/24 08:40
S10 8	4142	image near5 ('142')	US-PGPUB; USPAT	OR	ON	2006/02/24 08:40
S10 9	1	image near5 ('142' adj2 MHz)	US-PGPUB; USPAT	OR	ON	2006/02/24 11:54
S11 0	1	S96 and digital	US-PGPUB; USPAT	OR	ON	2006/02/24 10:25
S11 1	1	"6625222".pn.	US-PGPUB; USPAT	OR	ON	2006/02/24 10:26
S11 2	0	S111 and digital	US-PGPUB; USPAT	OR	ON	2006/02/24 10:26
S11 3	2	"6625222"	US-PGPUB; USPAT	OR	ON	2006/02/24 10:26
S11 4	0	S113 and digital	US-PGPUB; USPAT	OR	ON	2006/02/24 10:26
S11 5	3	"6681103"	US-PGPUB; USPAT	OR	ON	2006/02/24 10:26
S11 6	1	S115 and digital	US-PGPUB; USPAT	OR	ON	2006/02/24 11:48
S11 7	1	S96 and digital	US-PGPUB; USPAT	OR	ON	2006/02/24 11:53
S11 8	1707	docsis	US-PGPUB; USPAT	OR	ON	2006/02/24 11:53
S11 9	766	S118 same digital	US-PGPUB; USPAT	OR	ON	2006/02/24 11:53
S12 0	205	S118 near5 digital	US-PGPUB; USPAT	OR	ON	2006/02/24 11:54
S12 1	0	S118 near5 ('6' adj2 MHz)	US-PGPUB; USPAT	OR	ON	2006/02/24 11:55
S12 2	0	S118 and ('6' adj2 MHz)	US-PGPUB; USPAT	OR	ON	2006/02/24 11:55
S12 3	799	S118 and (MHz)	US-PGPUB; USPAT	OR	ON	2006/02/24 11:55
S12 4	2	BOLTON-JERRY-T or BOLTON-JERRY-THOMAS-JR	US-PGPUB; USPAT	OR	ON	2006/02/24 13:20
S12 5	1	"20030153293"	US-PGPUB; USPAT	OR	ON	2006/08/10 12:44

## EAST Search History

S12 6	1	S125 and channel	US-PGPUB; USPAT	OR	ON	2006/08/10 12:44
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